

ZAPRUDNOVA, VARVARA PAVLOVNA

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Tekhnika bezopasnosti na predpriyatiyakh tekstil'noy promyshlennosti. Accident prevention in enterprises of the textile industry, by V. P. Zaprudnova, A. D. Krylov i V. S. Sokolov. Gizlegprom, 1955.

269 2 P. diagrs., tables.

Literatura: P. 271

ZAPRUDANOVA, Varvara Pavlovna. Prinimali uchastiye: KASHIN, V.A., nauchn. sotr.; KUTANIN, A.F., nauchn. sotr.; SOLOV'YEV, N.V., retsenzent; USPENSKIY, S.D., retsenzent; FUZYREV, A.V., retsenzent; SHTEYNART, M.D., red.

[Fundamentals of safety engineering and fire prevention in textile enterprises] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki na tekstil'nykh predpriyatiakh. Moskva, Gizlegprom, 1963. 202 p. (MIRA 17:6)

1. Ivanovskiy institut okhrany truda Vsesoyuznogo tsentral'nogo soveta profsoyuzov (for Kashin, Kutinan).

ZAPRUDNOVA, Varvara Pavlovna; KRYLOV, Aleksandr Dmitrievich;
SOLODOV, Iosif Sergeevich; DUVANKOV, G.S., redaktor;
AKHANGEL'SKIY, S.S., redaktor; EL'KINA, E.M., tekhnicheskiy
redaktor.

[Safety engineering in the textile industry] Tekhnika bezo-
pasnosti na predpriatiiakh tekstil'noi promyshlennosti.
Moskva, Gos. nauchno-tekhn. izd-vo Ministerstva promyshl.
tovarov shirokogo potrebleniia SSSR, 1955. 269 p. (MLRA 9:1)
(Textile industry--Safety measures)

MALCHENKO, A.L.; KRISHTUL, F.B.; SKIRSTYMONSKIY, A.I.; Priniimala uchastiye:
ZAPRUDNOVA, Ye.P., khimik

Using hydrochloric acid in manufacturing alcohol from molasses.
Trudy TSNIISP no.6:49-53 '58. (MIRA 14:12)
(Alcohol) (Hydrochloric acid) (Molasses)

ZAPFUDOV, B. D.

ENR/194-58-2-15/22

AUTHOR: Bushov, A. I., Doctor

TITLE: Chronicle (Chronika) III

PERIODICAL: Vestnaya vystavki uchebnuykh zavedeniy. Geodesiya i aerofotogrammetika. 1956, № 2, pp 10-11 (USSR)

ABSTRACT: This is a report on the deliberations held from April 23 to 26 by the engineers and specialists of the Central Administration of Geodesy and Cartography of the MTSUZH (Department of the Ministry of the USSR for the Study of Land and Sea Areas) on the opening speech and report by the Head of GUGK (GUZhK) (Administrator of Geodesy and Cartography), G. G. Sudkov, "On the New Tasks of the GUGK With Respect to the Perfecting of Topographical and Geodetic Work of Importance to the National Economy." Such as the analysis of the accuracy of measurements in triangulations of the 2nd and 3rd classes, and the application of optical range finders in Geodetic Work." Yu. S. Uspenskiy, Candidate of Technical Sciences, reported on "The Results of the Study of Control and Baseline Points Within the Territory of the USSR." Engineer P. I. Durman, "New Geological Instruments for Topographical Photogrammetry," Engin. N. G. Garillov, "The Technical Planimetry of Geodetic and Geophysical Survey," Engineer S. V. Trifitskiy, "Marking Points for the Preparation of Surveys," Engineer I. V. Krylov, "Aerophotometric Methods for the Determination of Bench and Height Marks." Engineer A. I. Tarov, "On the Overall Preparation for Aerial Photography," N. N. Zaryadov, "The Checking of Stereotopographical Surveys in the ADPM," Doctor of Technical Sciences, Professor, Doctor of Geological Sciences, "The Use of Elements of Outer Orientation in the Photogrammetric Preparation of Photographic and Improvements in the Accuracy of Stereoscopic Measurements," G. A. Krasheninnikov, Candidate of Technical Sciences, "Some Remarks on the Problem of Stereograph," Ya. Mihay, Candidate of Technical Sciences, "On Improving the Photographic Quality of Aerial Photos," Engineer Lezhin, "Camera Work in Field-Pertaining to the Severe-Kavkaz-Archi," G. S. Drakon, "On the Present State of Technical Instruction for Geodetic Work," Professor, "There were interesting talks with the engineers on the new stereophotographic techniques (GUGK 1957). Lively discussions followed the lectures. On April 26 the Head engineer of the GUG and the collaborators of the MTSUZH (Ministry of Geodesy and Cartography) discussed some questions relating to the work at the Institutes of Geodesy (lecture by P. S. Zastavov, Professor, Doctor of Geological Sciences).

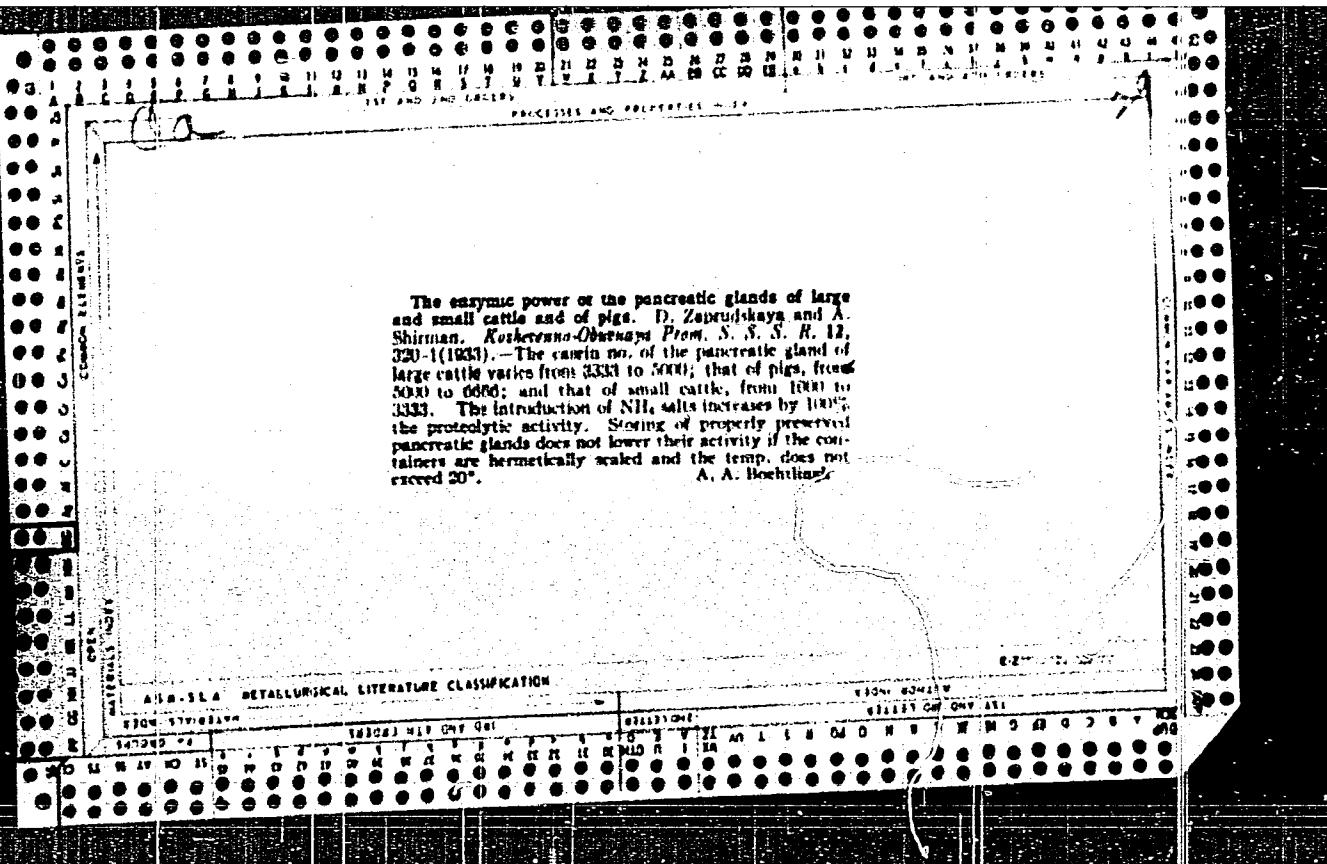
Case 2/3

ZAPRUDSKAYA, D.S.
CA

1/2

Affect of nutrition on the distribution of vitamin B₁ in parts of the nervous system. D. S. Zaprudskaya (Pedagogic Inst., Rostov). Biokhimiya 16, 280 (1951) — The amt. of thiamine (I) was detd. in the various parts of the nervous system of rabbits (newborn, 10, 35, 75, 120 days, and grown-up) and rats (30 days and grownup) which had been raised on a normal diet and on diet contg. added 80 µg I/kg. No increase of I was observed in the nerve tissues of growing rabbits stnd. with I, as compared to the controls. A slight increase was detected in adult rabbits. I increased considerably in the nerve tissue of rats which had received addnl. I in their feed. The amt. of I in the nerve tissues of the control rabbits of various ages was greater than that found in the same nerve tissues of the control rats. H. P.

1951



USSR / General Problems of Pathology. Pathophysiology U
of the Infectious Process.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51589.

Author : Zaprudskaya, D. S.

Inst : Not given.

Title : Thiamine and Nicotinic Acid Content in Various
Sections of the Brain of Children Who Died of
Some Infectious Diseases.

Orig Pub: Byul. eksperim. biol. i meditsiny, 1957, 43,
No 5, 82-86.

Abstract: The average content of thiamine in tissues of the nervous system of children up to the age of 2 years, who died of dysentery (D) or D complicated by pneumonia (P) was 5.44 and 5.13 mg%. In those dying of P and surgical diseases (SD) - 9.1 and 23.9mg% correspondingly. The content of

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ZAPNUDSKAYA, D.S.

Thiamine and nicotinic acid content of various parts of the brain in children who died of some infectious diseases [with summary in English]. Biul.eksp.biol. i med. 43 no.5:82-86 My '57. (MIRA 10:10)

1. Iz Rostovskogo oblastnogo nauchno-issledovatel'skogo pediatriceskogo instituta (dir. - prof. I.Ya.Serebriyskiy, zav. eksperimental'nym chленом AMN SSSR prof. N.A.Rozhanskim,

(NICOTINIC ACID, metab.

brain distribution in child, dead of various commun. dis. (Rus))

(VITAMIN B-1, metab.

same)

(BRAIN, metab.

nicotinic acid & vitamin B1 in child. dead of various commun. dis. (Rus)

(COMMUNICABLE DISEASES, pathol.

brain nicotinic acid & vitamin B1 in child. dead of various commun. dis. (Rus))

ZAFRUDSKAYA, D.S.

Action of antituberculous preparations [with summary in French].
Probl.tub. 36 no.1:80-86 '58. (MIRA 11:4)

1. Iz eksperimental'nogo sektora (zav. - deyствител'nyy chlen AMN SSSR prof. N.A.Rozhanskiy) Rostovskogo nauchno-issledovatel'skogo instituta akusherstva i pediatrii (dir. - kandidat meditsinskikh nauk F.S.Baranovskaya, nauchnyy rukovoditel' - prof. I.Ya. Serebriyskiy)

(STREPTOMYCIN, eff.

vitamin B1 defic. in dogs, alone & with isoniazid & PAS (Rus))

(ISONIAZID, eff.

vitamin B1 defic. in dogs, alone & with PAS & streptomycin (Rus))

(PARA-AMINOSALICYLIC ACID, eff.

vitamin B1 defic. in dogs, alone & with isoniazid & streptomycin (Rus))

(VITAMIN B1 DEFICIENCY, exper.

induced by isoniazid, streptomycin & PAS alone & in combination in dogs (Rus))

ZAPRUDSKAYA, D.S. (Rostov-na-Donu)

Mode of action of certain antibiotics and chemical preparations.
Pat.fiziol. i eksp.terap. 3 no.1:67-70 Ja-F '59.

(MIRA 12:2)

1. Iz eksperimental'nogo sektora (zav. - deystvitel'nyy chlen AMN
SSSR prof. N.A. Pozhanskiy) Nauchno-issledovatel'skogo instituta
akushерства i pediatrii Ministerstva zdravookhraneniya RSR.

(ANTIBIOTICS, administration,
eff. of various modes of admin. in animals (Rus))

ZAPRUDSKAYA, D. S. Doc Biol Sci -- "Age-related peculiarities of ~~the~~ distribution
of thiamine in the central nervous system in certain pathological states."
Len, 1960. (Acad Sci USSR. Inst of Physiology im I. P. Pavlov) (KL, 1-61, 186)

-100-

ZAPRUDSKAYA, D.S.

Thiamine-destroying factors in tuberculous and dysenterial bacteria.
Zhur.mikrobiol.epid. i immun. 32 no.2:44-48 F '61. (MIRA 14:6)

1. Iz Rostovskogo-na-Donu nauchno-issledovatel'skogo instituta
akushersatva i pediatrii.
(SHIGELLA PARADYSENTERIAE) (MYCOBACTERIUM TUBERCULOSIS)
(THIAMINE)

ZAPRUDSKAYA, D.S.; DOROSHEVA, N.G.

Transaminase distribution in the brain of neonates. Biul. eksp.
biol. i med. 56 no.9:54-56 S '63.

(MIRA 17:10)

1. Iz biokhimicheskoy laboratorii (rukoveditel' - doktor biolog.
nauk S. Zaprudskaya) Rostovskogo-na-Donu Instituta akusherstva i
pediatrii (dir. - kand. med. nauk F.S. Baranovskaya) Ministerstva
zdravookhraneniya RSFSR. Predstavlena deystvitel'nym chlenom AMN
SSSR V.V. Parinym.

ZAPRUDSKAYA, D. S.

ZAPRUDSKAYA, D. S. "The Sorbiton Property of Grain and the Methods
of Determining the Absorbed Hydrogen Sulfide," Itogi Nauchno-
Issledovatel'skikh Rabot Vsesoiuznogo Instituta Zashchity
Rastenii za 1935 Goda, 1936, pp. 412-415. 423.92 L54I

So: Sira - Si 90 - 53, 15 December 1953

ZAPRUDSKAYA, M.A.

Lamellibranchs of the Lower Turonian strata of the Alai Range.
Trudy VINITRI no.73:21-92 '53. (MLBA 7:?)
(Alai Range--Lamellibranchiata, Fossil) (Lamellibranchiata,
Fossil--Alai Range)

SIMAKOV, S.N.; KLEYNBERG, V.G.; VOROB'YEV, A.A.; ZAPRUDSKAYA, N.A.;
NARIZHNIAYA, V.Ye.; POYARKOVA, Z.N.; KHUTOROV, A.M.; VASILENKO,
V.K., red.; DAYEV, G.A., vedushchiy red.; GENZAD'YEVA, I.M.,
tekhn. red.

[Geological structure and oil potential of Fergana] Geologicheskoe
stroenie i neftegazonost' Fergany. Leningrad. Gos. nauchn. tekhn.
izd-vo neft. i gorno-tiplivnoi lit-ry, 1957. 605 p. (Leningrad.
Vsesotsuznyi neftianoi nauchno-issledovatel'skii geologo-razvedoch-
nyi institut. Trudy, no.110). (MIRA 11:6)

(Fergana--Petroleum geology)

ZAPRUISKAYA, M.A.; IVANOVSKIY, A.B.

Two new genera of Silurian Cystiphyllidae (rugosa) from the
Siberian Platform. Trudy VNIGRI no.196. Paleont.sbor. no.3;
48-57 '62. (MIRA 16:4)
(Siberian Platform—Rugosa)

ZAPRUDSKAYA, M. N., Physician

"Influence of Fatal and Threshold Concentrations of
Hydrogen Arsenide in the Blood."

Thesis for degree of Cand. Medical Sci. Sub 27 Jun⁴⁹, Second Moscow State
Medical Inst imeni I. V. Stalin.

Summary 82, 18 Dec 52, Dissertations Presented For
Degrees in Science and Engineering in Moscow in 1949.
From Vechernaya Moskva, Jan-Dec 1949.

ZAPRUDSKAYA, M. N.

Effect on the blood of lethal and threshold concentrations
in arseniuretted poisoning in industry and everyday conditions;
experimental investigations. Uchen. zapiski vtor. moskov.
med. Inst. Stalina 1:243-247 1951. (CIML 21:3)

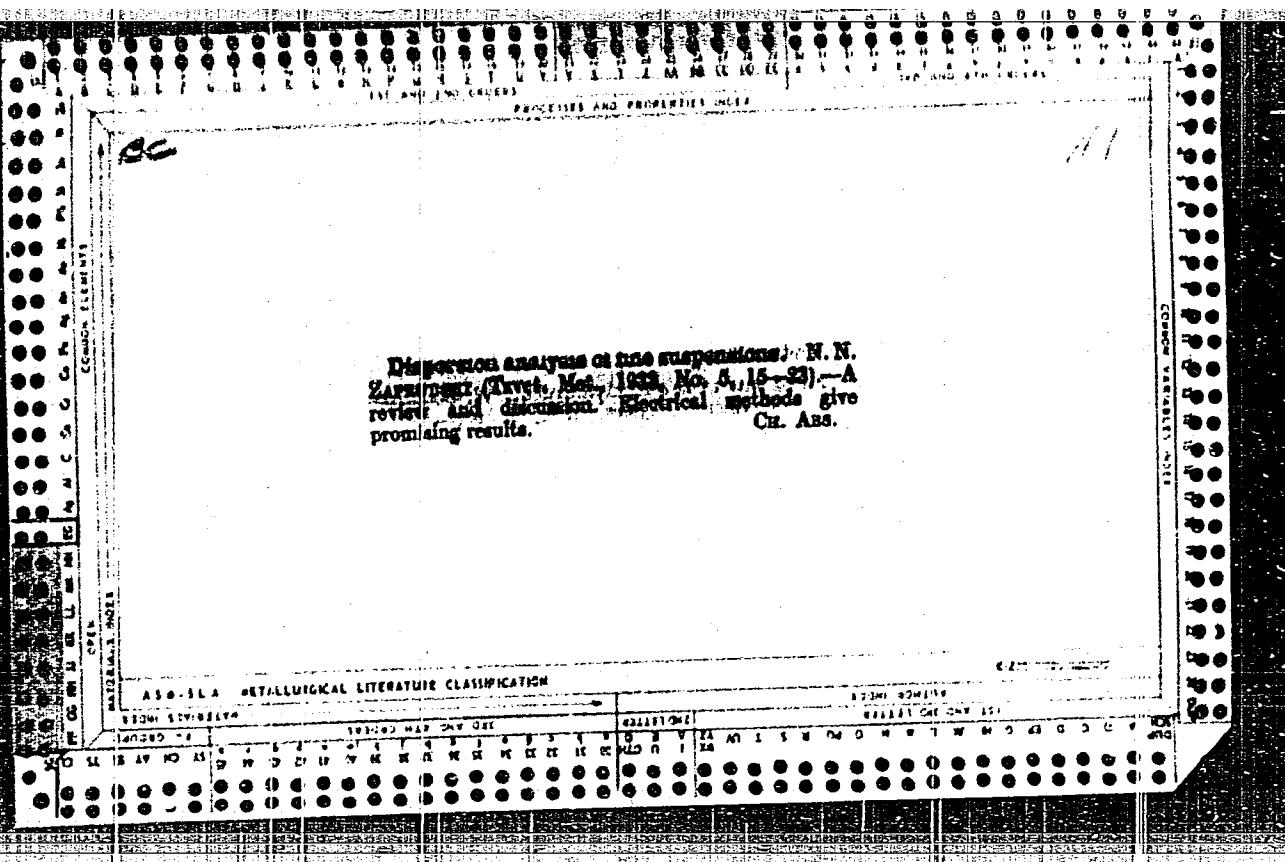
1. Assistant. 2. Department of Hygiene (Head -- Honored Worker
in Science Prof. N. K. Ignatov, Active Member AMS USSR).

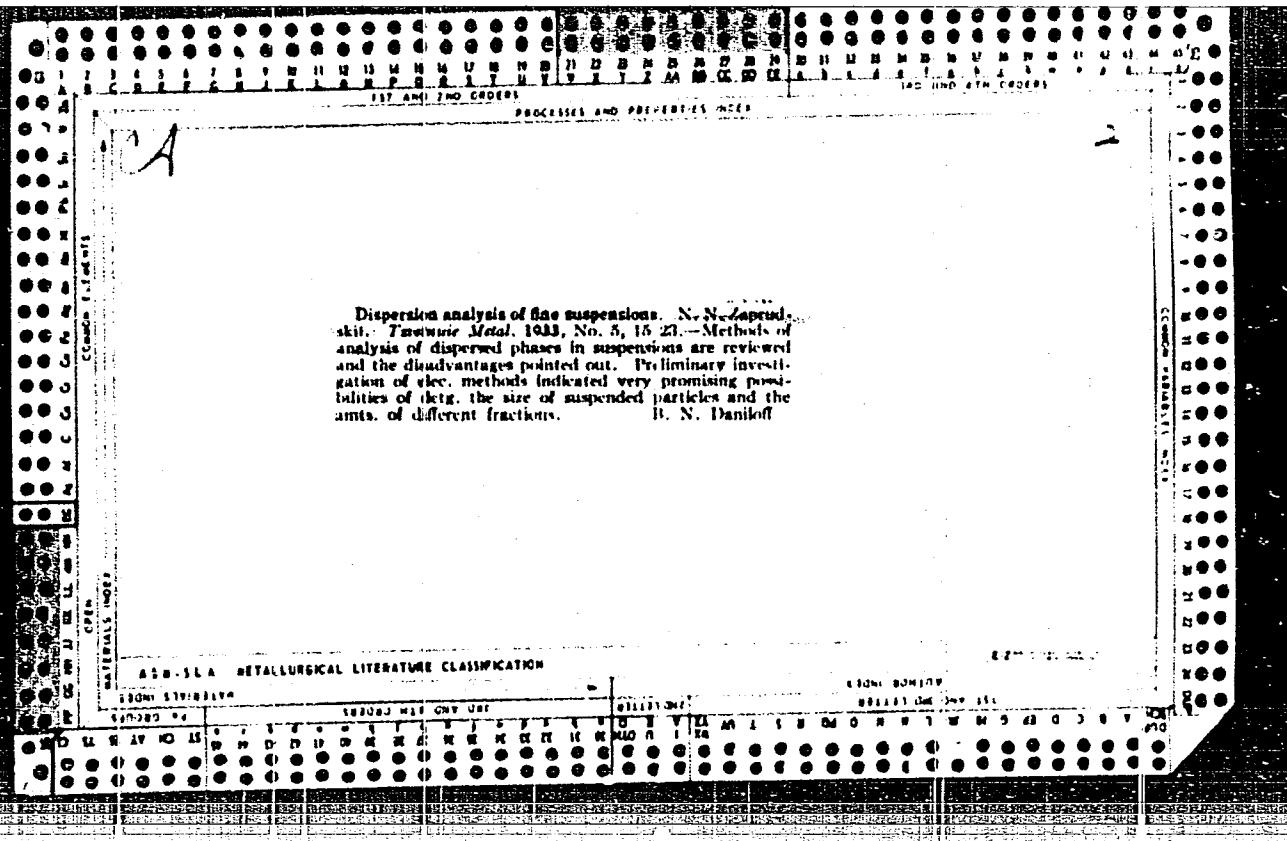
Synthesis of fats by milk glands. D. M. Mikhlin and N. S. Zutinskaya. *Compt. rend.*, Acad. sci. U. R. S. S., 2, 673-676 (in German 570) (1934).—CaCl₂ and bile catalyze the synthesis of fats by dry acetone preps. of milk glands 53.6%; under the proper conditions. The amt. of water present is important. A. W. Deeter

ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1"





ZAPRUDSKIY, E.S., inzh.

Washing sludge pipes at the Yenakiyev metallurgical plant. Stal'
23 no.6:572 Je '63. (MIRA 16:10)

1. Yenakiyevskiy metallurgicheskiy zavod.

ZAPRUDSKIY N.
KHAN, Grigoriy Anisimovich; LOKONOV, M.F., kand. tekhn. nauk, retsenzent;
ZAPRUDSKIY, N.N., red.; YEZDOKOVA, M.L., red. izd-va; ATTOPOVICH,
M.K., tekhn. red.

[Assaying, checking, and automatic control in ore dressing] Opro-
bovanie, kontrol' i avtomatizatsiya protsessov obogashcheniya.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1958. 379 p. (MIRA 11:8)
(Ore dressing) (Automatic control)

Concentration of oxidized ores of the colored metals

D. M. Chishikov, N. N. Zaprudinskii and S. M. Shurygin.
Trekhval. Metall., 10, No. 8, 27-38 (1941); *Chem. Zentral.*
1942, I, 1028.—Flotation of oxidized ores is in general
carried out after preliminary surface sulfidization of the
oxidized minerals in the wet way with Na sulfide or in the
dry way with elementary S. By heating a mixt. of CuCO_3 and S at 250° for 25 min., practically all the Cu is converted
into sulfide. Sulfidization of ZnCO_3 requires a higher temp.
than that of CuCO_3 . When a mixt. of ZnCO_3 and S is
heated at 400° for 1 hr., 80% of the Zn is converted into
the sulfide. In the sulfidization of the oxidized Cu ores
of the Dzhekasgans deposits 90% of the Cu is converted
into sulfide compds. by heating 1 hr. at 150°. Besides the
carbonate, other O-contg. compds. of Cu, e. g., chrysocolla
or brochantite, can be simply sulfidized. Sulfidization
increases the flotation yield from 37-40% to 70-75%
with a richer concentrate being obtained. The results
thus indicate that the flotation yield is definitely increased
by a preliminary dry sulfidization of oxide and other O-
contg. Cu ores.

M. G. Moore

M. G. Moore

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CIA-RDP86-00513R001963820001-1"

CA

9

The buffer properties of flotation pulps. N. N. Zapritskii. *Tsvetnoye Metal.* 1940, No. 9, 32-6. In the study of conditions of enrichment of ores the choice of reagents must be preceded by the study of "titration curves" $d\text{pH}/dc$, where c is the quantity of reagent added. In a homogeneous medium the most significant point is the point at which the pH becomes const.; here two tests are made under the conditions of (1) insat., and (2) satn., in each case with a different quantity of lime for each ore. In prolonged flotation, excess CaO should be used. In a variable medium, with increasing pH the dissociation of cyanide increases, and with decrease in pH the activity of the cyanide decreases; in the latter case larger quantities of cyanide are required. It is necessary to keep the pH const. during the action of the cyanide. B. N. Daniloff

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

SOV/137-58-7-14175

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 30 (USSR)

AUTHOR: Zaprudskiy, N. N.

TITLE: Automation of the Monitoring and Control of Ore-dressing Processes (Avtomatizatsiya kontrolya i upravleniya protsessami obogashcheniya)

PERIODICAL: Materialy Soveshchaniya po вопр. intensifik. i usoversh. dobychi i tekhnol. pererabotki medno-nikelevykh i nikellevykh rud. 1956 g. Moscow, Profizdat, 1957, pp 129-139

ABSTRACT: A description is presented of the proportioning of flotation reactants with the assistance of a monitoring of the residual concentration thereof in various portions of the flotation process. The concentration is determined by the methods (M) of ion measurement, measurement of the electrical conductivity of the bath (conductometric M) or the difference in the potentials of the indicator and comparator electrodes immersed in the electrolyte (potentiometric M). To eliminate the influence upon the instrument reading of casual factors distorting the results, compensating and differential methods of measurement are employed. Descriptions are provided of the Kuleshov

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SOV/ 137-58-7-14175

Automation of the Monitoring and Control of Ore-dressing Processes

reactant feeder of an instrument for automatic control of the density and consumption of reactants and pulp, based on the gravimetric principle, and of a device for monitoring and adjusting the charging of a mill with ore with correction of ore feed in accordance with the quality of the ore.

A. S.

1. Cres--Processing 2. Control systems

Card 2/2

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1

ZAPRUTSKIY, B.Z., inzh.; PODGORNYY, I.M., inzh.

RZSH-1 machine for cleaning and sealing joints. Stroi. i dor. zash.
9 no.7:16~17 Jl. '64. (MIRA Id:3)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1"

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1

PODGORNYY, I., inzh.; ZAPRUTSKIY, B., inzh.; ITKIS, B., inzh.

SL-1 self-unloading timber truck. Avt. transp. 41 no. 5:42-44 My '63.
(MIRA 16:10)

(Motortrucks)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1"

ZAFETSKIY, B.Z., inzh.; PODGORNYY, I.M., inzh.

Vibration roller attached to the T-16 self-propelled chassis.
Stroi. i dor. mash. 9 no.9:10-11 S '64.

(MIRA 17:11)

ZAPRYAGALOV, N.; RASKIN, K.

For the shift coefficient 2. Mashinostroitel' no.11:4-6 N
(MIRA 16:11)
'63.

I. Zamestitel' sekretarya partiynogo komiteta Leningradskogo
zavoda poligraficheskikh mashin (for Zapryagalov). 2. Nachal'nik
normativno-issledovatel'skogo byuro Leningradskogo zavoda poli-
graficheskikh mashin (for Raskin).

ZAPRYAGALOVA, L.M. [Zapriahalova, L.M.]

Formation of self-appraisal in first grade pupils. Nauk. zap. Nauk.-
dosl. inst. psichol. 11:237-239 '59. (MIEA 13:11)

1. Institut psichologii, Kiyav.
(Self)

IVANUSHKIN, V.G., inzh.; ZAPRYAGAYEV, A.P.

Investigating certain parameters of cold-pressed rod bolting.
Trudy VNIIgidroglia no. 3:71-77 '63 (MIRA 18:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruktorskii institut dobychi gidrolicheskim sposobom (for Ivanushkin). 2. Leningradskiy gornyy institut (for Zapryagayev).

ZAFKAGAYEV, I.V., Inzhener.

Accounting system of electric power plants with peat enterprises and double
peat analysis. Elek.sta. 24 no.9:23-24 S '53. (MLB 6:8)
(Peat) (Electric power plants)

ZAPRYAGAYEV, M.M., kand.tekhn.nauk

Possibility of using electromagnetic powder devices in the transmission systems of crawler tread machinery. Trakt. i sel'khozmash.
32 no.1:14-18 Ja '62. (MIRA 15:2)
(Track-laying vehicles--Transmission devices)
(Powder metallurgy)

ZAPRIAGAYEV, N.

We are perfecting equipment according to factory orders. Stroi.
mat., izdel.1 konstr. 2 no.1:29 Ja '56. (MLRA 9:5)

1. Glavnnyy inzhener Giprostrommekhanizatsii.
(Cement industries)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1

ZAPRIAGAYEV, N.S.; VEPESHECHAGIN, V.S.

The PTN mounted three-stage probe. Dzh. nauch.-issl. inform. Gos. nauch.-issl. inst. nauch. i tehn. inform. L'vov; 70-31 Je '64. (MIRA 17:11)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1"

ZAPRYAKOVA, V. I.

42187. ZAPRYAKOVA, V. I. O nekotorykh osobennostyakh kornevikh sistem rasteniy v
vysokoravnom klenovniku. Sochineni. Tbilisi, Filial Akad. nauk SSSR, Vyp.
7, 1948, s. 18-20.

SO: Letopis'Zhurnal'nykh Statey, Vol. 47, 1948.

ZAPRYAGAYEVA, V. I., BAZOVA, YE. A. and ZAPRYAGAYEV, M. L.

Zapryagayeva, V. I., Bazova, Ye. A. and Zapryagayev, M. L.: "An experiment in non-irrigated wine growing", (At the Varzob mountain botanical station), Soobshch. Tadzh. filiala Akad. nauk SSSR, Issue 10, 1948, p. 7-10.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1

ZAPRYAGAYEVA, V. I.

Zapryagayeva, V. I.: "Birch stands of mountainous Zeravshan", Soobshch.
Tadzh. filiala Akad. nauk SSSR, Issue 10, 1943, p. 24-26.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1"

ZARIYACHEVA, V. I.

26544 Karlikovyye podlon v bogarnom plodovodstve tadzhikistana. Sad i ogorod, 1949,
No. 8, c. 26-29.

SOI LETOPIS' NO. 35, 1949

ZAPRYAGAYEVA, V. I.

Zapryagayeva, V. I. "The effect of the wild-growing Irgay apple on the domesticated apple," Soobshch. Tadzh. filiala Akad. nauk SSR, Issue 12, 1949, p. 17-20.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

1. ZAPRYAGAYEVA, V. I.
2. USSR (600)
4. Botany - Darvaz Mountains
7. A shrub new to Tajikistan, Darvaz dogwood. Soob. TFAN SSSR no. 22, 1950.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. ZAPRYAGAYEVA, V. I.
2. USSR (600)
4. Tajikistan--Hawthorn
7. Pontic hawthorn and the prospect of its use in the afforestation of Tajikistan, Soob. TFAN SSSR, No. 26, 1950.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

1. ZAPRYAJOYEVA, V. I.
2. USSR 600
4. Poplar - Tajikistan
7. Poplar forests of the Peter I mountain range, Soob. TFAN SSSR, No. 27, 1950.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

1. ZAPRYAGYEVA, V. I.
2. USSR (600)
4. Maple
7. Root system of the Turkstan maple. Soob. TFAN SSSR no 31, 1951.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

ZAPRYAGAYEVA, V. I.

Roots (Botany) - Tajikistan

Root systems of some wild fruit plants of Tajikistan. Biul. MOIP. Otd. biol. 57,
No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress
November 1952. UNCLASSIFIED.

GURSKIY, A.V.; ZAPRYAGAYEVA, V.I.; KOROLEVA, A.S.; RYABOVA, T.I.;
SMOL'SKIY, N.V., redaktor; KORBONSKAYA, Ya.I., redaktor; FROLOV,
P., tekhnicheskiy redaktor.

[Landscaping cities and villages of Tajikistan] Ozelenenie gorodov
i poselkov Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tad-
zhikskoi SSR, 1953. 137 p. (Akademija nauk Tadzhikskoi SSR,
Stalinabad. Trudy, vol. 14) (MLRA 9:8)
(Tajikistan--Landscape gardening)

ZAPRYAGAYEV, V. I.

Tajikistan - Fruit Culture

Dry farming fruit culture in the mountain area of Tajikistan, Sad i og. No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

ZAPRYAGAYEVA, V. I.

ZAPRYAGAYEVA, V.I.

Biological characteristics of the pistachio in connection with
its cultivation in Tajikistan. Bot.zhur. 39 no.3:326-342 My-Je '54.
(MLRA 7:7)

1. Botanicheskiy institut Akademii nauk Tadzhikskoy SSR, Stalinabad.

(Tajikistan--Pistachio) (Pistachio--Tajikistan)

28.07.86. S. S. V. I.

USSR/Agriculture - Soil conservation

Card 1/1 Pub. 86 .. 18/36

Author(s) : Zapryagayeva, V. I.

Title : The Turkestan juniper in Fadjistan

Periodical : Priroda 44/6, 102 - 104, Jun 1955

Abstract : A description is presented of the conditions of the mountainous regions of Fadjistan where ruthless cutting down of the trees has resulted in the washing away of the soil and reduction of summer moisture for growing plants and trees, except where there are juniper trees, which at places prevent soil erosion completely. This juniper tree (*Juniperus turkestanica*) is dealt with in detail from the viewpoint of its adaptability for soil conservation. Illustrations.

Institution :

Submitted :

Country : USSR
Category: Forestry Forest Cultures.

K

Abs Jour: RZhDiel., No 12, 1958, No 53499

Author : Zapryagayeva, V.I
Inst : AS Tadzhik SSR
Title : Trees and Shrubs Recommended for Cultivation in
Tadzhikistan.

Orig Pub: V sb : Lesozovedeniye v Tadzhikistane. Stalinabad,
AN TadzhSSR, 1957, 63-162

Abstract: This article describes 99 tree and shrub varieties
from the local areas and other regions, which are
suitable for cultivation under the conditions of
the Tadzhik SSR. 56 varieties are recommended for
strengthening the mountain slopes; 32 varieties are
recommended for the production of construction and

Card : 1/2

K-40

ZAPRYAGAYEVA, V.I.

K-4

USSR/Forestry - Forest Cultures.

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91559

Author : Zapryagayeva, V.I.

Inst : Forestry Institute AS Georgian SSR

Title : Special Features of Forest Cultivation in Mountainous
Tadzhikistan.

Orig Pub : Tr. In-ta lesa AN GruzSSR, 1956, 6, 107-115.

Abstract : The diverse natural conditions of the mountainous forests
of Tadzhikistan make the application of uniform forest cul-
tivation methods impossible. In Southern and Northern
Tadzhikistan, because of the small amount of precipita-
tion, xerophytic, drought-resistant plants (pistachio,
almond, Bukhara pear and others) are used in the cultu-
res. In the central regions where there is a considera-
ble quantity of precipitation, walnut, oak, maple,

Card 1/2

- 40 -

ZAPRYAGAYEVA, V.I.

Juniper forests of the central part of the Turkestan Range:
1. General characteristics. 2. Turkestan juniper forests.
3. Mixed Turkestan juniper and Saur juniper forests. 4. Saur
juniper forests. 5. Kara juniper forests. 6. General informa-
tion. Trudy AN Tadzh.SSR. 73:97-135 '58. (MIRA 12:2)
(Turkestan Range--Juniper)

ZAPRYAGAYEVA, V.I.

Possibilities of planting juniper on slopes of the Turkestan Range. Study All Tadzh.SSR. 73:229-232 '58. (MIRA 12:2)
(Turkestan Range--Juniper)

ZAPRYAGAYEVA, V.I.

Brief description of the central part of the Turkosten Range,
Trudy AN Tadzh.SSR. 73:39-46 '58. (MIRA 12:2)
(Turkestan Range...Botany)

Oncology

BULGARIA

ZAPRYANOV, T., Prof, Director, and KITOV, D., Chair of Neurological Diseases and Neurosurgery, Higher Medical Institute (Katedra po nervni bolesti i nevrokhirurgii, VMU), Plovdiv

"Spinal Cord Angiomata"

Sofia, Nevrologiya, Psichiatriya i Nevrokhirurgiya, Vol 5, No 3, 1966, pp 161-165.

Abstract [Authors' Russian and English summaries, modified]:
The article describes two cases of epidural and one case of subdural angioma in 70 patients treated surgically for spinal tumors. The rarity of this condition is pointed out: In two patients the tumor had lumbar localization and in one thoracic. In one patient the disease had an acute course; in the other two a gradual one with phases of remission (to the degree of full recovery). The three patients had radicular largely dissociated symptoms. The clinical and laboratory

1/2

ZAPRYANOV, Z.D. (Moskva); MINOSTSEV, V.B. (Moskva)

Calculating three-dimensional supersonic gas flow about bodies.
Izv. AN SSSR Mekh. i mashinostr. no.5:20-24 S-0 '62
(MIRA 18:1)

$$\frac{L_{\text{max}}}{L_{\text{min}}} = \frac{\pi^2 k^2 T_{\text{max}}^2}{k^2 T_{\text{min}}^2} = \frac{\pi^2}{4} \approx 7.96$$

SOURCE. AN SSSR. Izvestiya Mekhanika i mashinostroyeniye, no. 5, 1964, 20-24

TOPIC TAGS: supersonic flow, three dimensional flow, method of characteristics, 4-sonic flow region, flow over sphere

ABSTRACT: A difference scheme is presented which uses the method of

the numerical method has lower computer speed than the ordinary method of integration, but it is more accurate.

over a sphere and over a body whose contour is formed by a circle and cubic parabola, at an angle of attack $\alpha=5^\circ$ and $M=20$. A comparison of the results with those obtained previously by the method of nets shows a maximum discrepancy of the order of 1%. Orig. art. has: 7 figures and 6 formulas.

ASSOCIATION: none

SUBMITTED: 15Jul64 ENCL: 00 SUB CODE: ME
NO REF SOCV: 007 OTHER: 003 ADD PRESS: 3

COUNTRY : Bulgaria D
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 85810
AUTHOR : Zapryanova, N.
INST. :
TITLE : Ore Paragenesis of "Golyama Buka" Deposit in
Chiprovska Ore-Bearing Zone
ORIG. PUB. : Godishnik Upr. geol. i minali prouchy., 1956
(1957), A7, 143-153
ABSTRACT : On the basis of studies of minerals of poly-metallic ores, a geochemical diagram and a scheme of the mineralization process have been derived. The following stages and phases are differentiated: 1. Skarn stage --
a) vein phase 800-500° -- Fe, O, Si, Ca (oxidizing medium);
b) magnetite phase 500-400° -- Fe, O, Si, Ca, Mg, Al, K,
OH (oxidizing/weakly alkaline medium); 2. Quartz-sulfide
stage -- c) hypothermal phase 400-300° -- Fe, As, S (a
weakly oxidizing medium with large amount of H₂S); d) hypo-
thermal phase -- Fe, Cu, Zn, Pb, S, Ca, C, O (varying,
mostly alkaline medium); e) epithermal phase 200-100° -- Fe,
Si, O, Ca, Al, Mg, C, OH (weakly oxidizing, alkaline medium)
CARD:

ZAPRYAGAYEVA, V.I.; KONNOV, A.A.

Developmental dynamics of vegetation in juniper forests of the
Turkestan Range. Trudy AN Tadzh.SSR. 73:137-176 '58.
(MIRA 12:2)

(Turkestan Range--Botany) (Turkestan Range--Juniper)

ZAPRIAGAYEVA, V.I.

Root systems of the juniper. Trudy AN Tadzh.SSR. 73:211-228
'58. (MIRA 12:2)
(Juniper) (Roots (Botany))

ZAPRYAGAYEVA, V. I.

K-2

USSR / Forestry. Biology and Typology.

Ahs Jour: Ref Zhur-Biol., No 16, 1958, 72782.

Author : Zapryagayeva, V. I.

Inst : AS Tadzhik SSR.

Title : Forest-Plant Regions of Tadzhikistan.

Orig Pub: V. Sb.: Lesorazvedeniye v Tadzhikistane, Stalinabad,
AN TadzhSSR, 1957, 29-62.

Abstract: The forest vegetation of Tadzhikistan, not forming a great mass, occupies an area of 777.6 thousand hectares. Forest cover, together with precipitation, decreases to the east. Within the general area, the spread of forest vegetation is subject to vertical zonation. The territorial distribution of the different types of plants and the biological features of the most important species are presented by regions. The following belong to the basic

Card 1/4

11

USSR / Forestry. Biology and Typology.

K-2

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72782.

Abstract: types of tree-shrub vegetation; broad-leaved forests which join plantations of moisture-demanding and thermophilic broad-leaved species (walnut, sycamore, Turkestan maple, Sivers apple and several others) at 1000-2500 m above sea level; "Shiblyak" [thickets of xerophytic, prickly deciduous shrubs and prickly grasses] are more significantly widespread, occupying the lower part of the forest belt (500-1000 m) - plantations of xerophytic and thermophilic species (pistachio, almond, maple); "beloles'ye" - [white-wood forests] - which consist of narrow-leaved, cold-resistant and moisture-demanding species (birch, poplar, European mountain ash, willow, sea buck thorn and others) which are represented by fragments in the belt of juniper forests and high-mountain steppes at heights >2000 m;

Card 2/4

USSR / Forestry. Biology and Typology.

K-2

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72782.

Abstract: "tugai" - coppices of moisture-demanding and thermophilic, often salt-resistant trees and shrubs (on the whole oleaster and alternate-leaved poplar) along the lower terraces of the Vakhsh River and on the Syr-Dar'ya islands; "dzhangaly" - sparsely forested deserts composed of thermophilic, very drought-resistant trees and shrubs and psammophytes (mainly Haloxylon persicum Bfe. and plots of salsola Rieteri in the lower reaches of the Vakhsh and Kafirnigan rivers and in the Syr-Dar'ya valley); junipers - types of cold-resistant and drought-resistant species of Juniper (1500-3500 m). A forestry description of the types indicated is cited. The typology given presents on the whole a division of Tadzhikistan into 10 forest-plant regions, for each of which the orography, soil-

Card 3/4

12

USSR / Forestry. Biology and Typology.

K-2

Abs Jour: Ref Zhur-Biol., No 16, 1958, 72782.

Abstract: climatic conditions, character of the tree-shrub vegetation are described, as well as detailed recommendations which are given for the utilization of local types and those introduced from outside the region. Bib. 55 titles. -- I. A. Bashkirov.

Card 4/4

ZAPKAGAYEVA, Vera Ivanovna; OVCHINNIKOV, P.N., glav. red.

[Wild fruit plants of Tajikistan] Dikorastushchie plodovye
Tadzhikistana. Glav. red. P.N. Ovchinnikov. Moskva, Izd-
vo "Nauka," 1964. 694 p. (MIRA 17:5)

GAYVORONSKAYA, Zinaiada "ikhaylovna [deceased]; ZAPRYAGAYEVA,
Vera Ivanovna; ISMAILOV, Makhmud Ismailovich; ROZANOV,
Boris Sergeyevich; RASULOVA, M.R., otv. red.

[Nut trees in Tajikistan] Orehoplodnye v Tadzhikistane.
[By] Z.M.Gaivoronskala i dr. Dushanbe, Izd-vo AN Tadzhik SSR
(MIRA 18:6)
1965. 100 p.

BAYNOV, D., inzh. (Bulgariya); BIYAZOV, I., inzh. (Bulgariya);
ZAPRYANOV, I., inzh. (Bulgariya)

Electromechanical differentiating element. Priborostroenie no.4:
11-12 Ap '65. (MIRA 18:5)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1

ZAPRYANOV, Tr.; VANTOV, M. (Plovdiv, Bolgariya); DUBROVSKIY, D.I. (Donetsk);
NOVAK, V.G. (Moskva)

Reviews and bibliography. Vest. AMN SSSR 20 no.1:78-87 '65.
(MIRA 18:4)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001963820001-1"

L 43864-66 EWP(t)/ETI IJP(c) JD
ACC NR: AP6032574

SOURCE CODE: BU/0011/65/018/012/1129/1132

AUTHOR: Trendafelov, D.; Zapryanova, A.ORG: Pharmaceutic Faculty, Higher Medical InstituteTITLE: Equiadsorption point of sodium and potassium bromides and iodides

SOURCW: Bulgarska akademiya na naukite. Doklady, v. 18, no. 12, 1965, 1129-1132

TOPIC TAGS: adsorption, solution property, solution acidity, bromide, iodide

ABSTRACT: In an earlier paper, one of the authors (D. Trendafelov, M. Raynov, Godishnik Sof. u-t. Ser. Khim., 51, 1958, 141) defined the concept of the equiadsorption point (the magnitude of pH for the saturated solutions of many soluble crystal salts at 25°C as a criterion for the purity of normal salts). In the present paper the procedures are described leading to the determination of the equi-adsorption point of sodium and potassium bromides and iodides and the measured values are listed in tabular form. This paper was presented by Corresponding Member BAN N. P. Penchev on 3 September 1965. Orig. art. has: 6 tables. [Orig. art. in Eng.]
[JPRS: 36,464]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 004 / SOV REF: 004
OTH REF: 006

Card 1/1 2gh

09/9 2426

Embryology

BULGARIA

ZAPRYANOVA, E., Institute of Morphology, Bulgarian Academy of Sciences (BAW, Institut po morfologiya), Director (rukoveditel), Academician A. Khadzhilov

"Lipid-granulated Cells in the Embryonic Brain"

Sofia, Nevrologiya, Psichiatriya i Nevrokhirurgiya, Vol. 5, No. 3, 1966, pp 203-206.

Abstract [Author's Russian and English summaries, modified]: A histochemical study was made of the morphological metabolism of lipids in the CNS cells during its histogenesis in the chicken. Before and at the beginning of myelinization the presence of lipid-granulated cells along neural axons was established. The granules were of different sizes and had the characteristics of phospholipids. The cells had tentacles embracing several bundles of fibers. Their form was stellate and probably they were oligodendrocytes. The article discusses their relation to myelination processes. Sixteen references, including 2 Bulgarian, 5 German, and 9 Western. (Manuscript received, August 1965).

1/1

ZAFRAL, K.; ZAFIARSKI, J.; BEJANSKI, W.

Trichomonas boris in the epididymis of a bull. p.249
BULETNIK. Varsovie
Vol. 3, no. 7, 1955. In English

So. East European Accessions List Vol. 5, No. 9 September 1956

BULGARIA

St. ILCHEVSKI, Department of Neurology (Katedra po nervni bolesti)
Head (rukovoditel) Prof Tr. ZAPRYANOV, Medical College (VMI) "I.P.Pavlov",
Plovdiv.

"Temporal Arteritis."

Sofia, Suvremenna Meditsina, Vol 14, No 2, 1963; pp 66-70.

Abstract [English summary modified]: Case report. Man aged 71, always healthy prior to sudden development of typical temporal arteritis shortly followed by attacks of asthma (common allergic background of the arteritis and asthma); he contracted influenza and succumbed. Temporal arteritis is considered more frequent than generally believed. Photograph of patient's head; 3 Soviet and 17 Western references.

1/1

S/196/62/000/005/009/012
E194/E15⁴

AUTHOR: Zapryanov, Yordan

TITLE: Utilization of the ferro-resonance effect for the development of various types of relays

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.5, 1962, 28, abstract 5 E187. (Elektroenergiya, v.12, no.5, 1961, 20-23 (Bulgarian)).

TEXT: The extensive use of static elements is a new trend in automatic electrical equipment. Relays of this type may be based on the ferro-resonance effect. Thus, a ferro-resonance voltage relay consists of a combination of a ferro-resonance circuit and an electro-magnetic relay. The ferro-resonance relay is adjusted by introducing additional components into the circuit. Such a ferro-resonance relay can be successfully applied for over- and under-voltage protection. A disadvantage of these relays is that their resistance is temperature dependent and a correcting potentiometer is introduced to correct temperature errors; it is connected in series with a resistor having

Card 1/2

Utilization of the ferro-resonance... S/196/62/000/005/009/012
E194/E154

negative temperature coefficient. Circuit diagrams are given of ferro-resonance relays controlled by a potentiometer-type sensing element and of a current ferro-resonance relay. A trigger circuit may be based on two ferro-resonance relays connected in parallel.
5 literature references.

[Abstractor's note: Complete translation.]

Card 2/2

ACC NR: AP6034532

SOURCE CODE: UR/0421/66/000/005/0008/0013

AUTHOR: Gilinskiy, S. M. (Moscow); Zapryanov, Z. D. (Moscow); Chernyy, G. G. (Moscow)ORG: Mechanics Institute MGU (Institut mekhaniki MGU)TITLE: Supersonic flow of a combustible gas mixture around a sphere

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 5, 1966, 8-13

TOPIC TAGS: supersonic combustion, combustion, air breathing engine

ABSTRACT: The steady-state supersonic flow of a combustible gas mixture around solid bodies which generates detonation or deflagration fronts is of great interest in connection with combustion in supersonic air streams. Chernyy and Kvashina (Ustanovivsheyesya obtekaniye konusa potokom detoniruyushchego gaza. PMM, 1959, t. 23, vyp. 1) had analyzed supersonic flow past a cone or wedge with attached adiabatic compression shocks followed by deflagration fronts. Two solutions were found - one with combustion in the detonation wave and the other with a slow combustion front preceded by an adiabatic compression shock. Samozvantsev (O stabilizatsii detona-
tionsnykh voln pri pomoshchi plokhoobtekaemykh tel. PMTF, 1964, No. 4) later presented an analysis which permits predictions of these phenomena. In the present study, the flow with combustion in the detonation wave around a sphere or a semisphere attached to a cylinder was analyzed for cases where the detonation wave does not disintegrate, or disintegrates in the region with subsonic or supersonic velocity.

Card 1/3

ACC NR: AP6034532

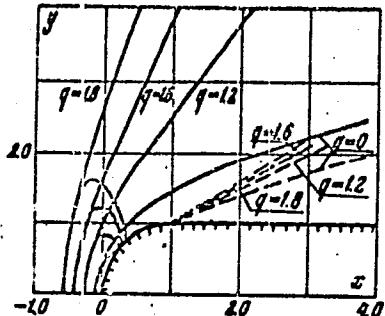


Fig. 1. Flow pattern around a sphere or semisphere attached to a cylinder

In the latter case, the analysis did not present any difficulties. In the former case, which resembles the problem of a supersonic jet of finite width impinging on an obstacle, mathematical difficulties were experienced. The analysis was based on the assumption that an axisymmetric body placed in a supersonic stream generates a shock wave which ignites the mixture. The heat release at all points of the detonation wave is equal. First the subsonic and transonic and then the supersonic regions were calculated by methods developed for adiabatic flows. The following equation was obtained for the velocity component normal to the detonation wave:

$$V_n = \frac{\Lambda_1}{\sin \beta} \left\{ \frac{\gamma_1 \sin^3 \beta}{\gamma_1 + 1} + \frac{1}{\gamma_1 + 1} \left(\frac{\gamma_1}{\gamma_1 M_1^2} - \left[\left(\sin^2 \beta - \frac{\gamma_1}{\gamma_1 M_1^2} \right)^{\frac{1}{n}} - B \sin^2 \beta \right]^{\frac{1}{n}} \right) \right\} \quad (4)$$

$$B = 2(\gamma_1^2 - 1) \left[\frac{q}{2\Lambda_1^2} - \left(\frac{\gamma_1}{\gamma_1 - 1} - \frac{\gamma_1}{\gamma_1 - 1} \right) \frac{1}{\gamma_1 M_1^2} \right], \quad \Lambda_1 = \left(\frac{(\gamma_1 - 1) M_1^2}{2 + (\gamma_1 - 1) M_1^2} \right)^{\frac{1}{n}}$$

Card 2/3

ACC NR: AP6034532

where subscripts 1 and 2 denote regions before and after the detonation wave, and q is a parameter characterizing the heat release in the detonation wave. Fig. 1 shows the flow past a sphere or a semisphere attached to a cylinder. The broken lines represent the characteristics from the point where the semisphere is attached to the cylinder. The figure shows that with increasing q the detonation wave is displaced from the solid surface which is a similar to the effect obtained by decreasing the Mach number of an incident adiabatic flow. However, at a short distance the detonation wave assumes a flat shape corresponding to a Chapman-Jouguet detonation. It is concluded that the problem has a unique solution which depends on the selection of the point where the detonation wave disintegrates. For a zero thickness detonation wave this point cannot be determined. At a sufficiently high heat release the detonation wave approaches the Chapman-Jouguet condition. Therefore, in cases when the detonation wave disintegration the point of disintegration will be located at a small distance from the solid surface. Orig. art. has: 8 figures and 7 formulas.

SUB CODE: 21/ SUBM DATE: 26May66/ ORIG REF: 003/ OTH REF: 005/ ATD PRESS: 5106

Card 3/3

CR

21

FIREGASSES AND PYROLYSIS 1940
A method for investigating the spontaneous combustion of coals and pyrite coals. An automatic adiabatic calorimeter with photothermal regulation. S. Z. Makarov and V. F. Oreshko. Bull. Acad. Sci. U.S.S.R., Classe des sciences, 1940, No. 2, 49-60.—The calorimeter liquid is transformer oil. The calorimeter contains a Cu coil for heating the gas and a vertical mixer which acts simultaneously for heating and as a reaction vessel. The temp. of the transformer oil is measured by a thermometer and that of the sample by a Cu-constantan thermocouple and galvanometer. Dry a sample of coal (4.00 ± 0.01 g.) with a current of dry N for 10-15 hrs. at 105°, place in the reaction flask in the calorimeter and keep at the exptl. temp. for 45-60 min. in a const. current of dry N. Discontinue the current of N 30 min. after connecting the automatic regulation, pass O at 1 l. per hr. through the system and register the temp. of the oil and coal to within 0.5°. Heat the coal to 150-60° for 1 to 6 hrs. The apparatus produces accurate results for investigating the spontaneous combustion process under adiabatic conditions. The reproducibility of the curves is sufficiently accurate for their mathematical treatment. Nine references. W. R. H. Prentiss and combating of mineral oil fires. O. Zapysch. Del u. Kohle 36, 334-6 (1940).—General article. H. L. Alexander

L 00266-66 EFT(c)/EFT(m)/EFT(j)/T RPL RM/WW

ACCESSION NR: AP5013446

UR/0020/65/162/001/0124/0126

48

40

B

AUTHOR: Shostakovskiy, M. F. (Corresponding member AN SSSR); Skvortsova, G. G.;
Zapunnaya, K. V.; Kozyrav, V. G.

TITLE: Concerning the structure of copolymers of acrolein with vinylaryl esters

SOURCE: AN SSSR. Doklady, v. 162, no. 1, 1965, 124-126

TOPIC TAGS: copolymer, polymer structure, IR spectrum, acrolein, vinylaryl ester

ABSTRACT: In order to determine the structure of the copolymers of acrolein with vinylaryl esters, assumed to be 2-phenoxy-3,4-dihydropirane, the IR spectra shown in fig. 1 of the Enclosure were examined. There is a good agreement between spectra 1 and 2, and the literature data on IR absorption for 2-phenoxy-3,4-dihydropirane. There also is a good agreement between spectra 3 and 4. Similarly confirmed were the structures of copolymers of acrolein with ortho-, metha-, and para-cresyl and vinyl esters of thymol. "The authors thank N. I. Shergin and N. I. Golovava for their assistance in making the IR spectra." Orig. art. has: 1 figure, 1 formula.

Card 1/3

L 00266-66

ACCESSION NR: AP5013446

ASSOCIATION: Irkutskiy institut organicheskoy khimii sibirskego otsteleniya akademii nauk SSSR (Irkutsk Institute of Organic Chemistry, Siberian Department, Academy of Sciences SSSR)

KH/65

3

SUBMITTED: 09Nov64

ENCL: 01

SUB CODE: OC

NO REF SOV: 006

OTHER: 006

Card 2/3

L 00266-66
ACCESSION NR: AP5013446

ENCLOSURE: 01

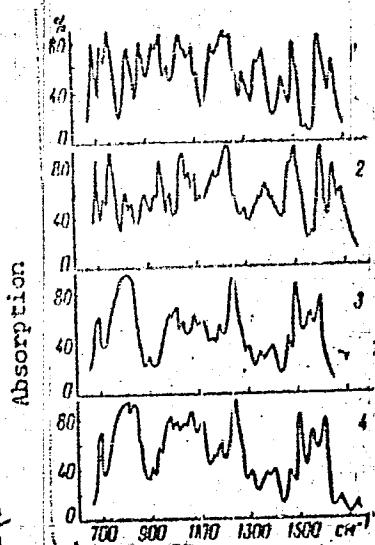


Fig. 1. 1--2-phenoxy-3,4-dihydropirane obtained by thermal diene synthesis; 2--2-phenoxy-3,4-dihydropyrane obtained in a 60-70% yield from the product of copolymerization of acrolein with vinylphenyl ester; 3--a polymer of 2-phenoxy-3,4-dihydropirane; and 4--a copolymer of acrolein with vinylphenyl ester.

KC
Card 3/3

SHOSTAKOVSKIY, M.F.; SKVORTSOVA, G.G.; ZAPUNNAYA, K.V.; SHERGINA, N.I.;
CHIPANINA, N.N.

Infrared spectra of complexes formed by vinyl ethers of phenol,
o-aminophenol, and aniline with stannic chloride. Dokl. AN SSSR
149 no.4:862-864 Ap '63. (MIRA 16:3)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR. 2. Chlen-korrespondent AN SSSR (for Shostakovskiy).
(Vinyl compounds--Absorption spectra) (Tin chlorides)

SHOSTAKOVSKIY, M.F.; SKVORTSOVA, G.G.; SAMOYLOVA, M.Ya.; ZAPUNNAYA, K.V.

Vinyl compounds. Report No.3: Refractometric investigation of the copolymerization of vinyl cresyl esters and acrolein in the presence of cation catalysts. Izv.Sib.otd.AN SSSR no.12:37-41 '61.
(MIRA 15:3)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR.
(Vinyl compound polymers)

L 13558-63

EVP(j)/EPI(c)/EWF(n)/BDS ASD Pe-Li/Pr-L RN/WW

ACCESSION NR: AP3000705

S/0190/63/005/005/07/67/0771

66
65

AUTHOR: Shestakovskiy, M. F.; Shvartsova, G. G.; Zapunnaya, K. V.

TITLE: Fractionation of vinylphenyl ether-acrolein copolymerization products

SOURCE: Vyssokomolekulyarnye soyedineniya, v. 5, no. 5, 1963, 767-771

TOPIC TAGS: copolymerization, fractionation, vinylphenyl ether, acrolein, boron trifluoride etherate

ABSTRACT: Earlier publications by the authors reported the synthesis of vinylcresyl ether-acrolein copolymerization products. In the present paper equimolar amounts of vinylphenyl ether and acrolein were copolymerized at room temperature for 168 hours in the presence of boron trifluoride etherate. The resultant product was dissolved in acetone, followed by precipitation with ethanol. From the 5% acetone solution five fractions of the copolymer were precipitated with various amounts of absolute ethanol, and their melting point, molecular weight, viscosity, and ultraviolet and infrared absorption spectra determined. The monomers were shown to copolymerize in almost equimolar proportions, the molecular weight of the copolymers having a range of from 500 to 2700. The ultraviolet absorption spectra of the fractions have a minimum at 250 - 252 Millimicrons and a sharply defined maximum at 270 - 280 Millimicrons. A tentative formula of the copolymer is given. Orig. ar.: Cord 1/4, ASSOCIATION: Irkutsk Inst. of Organic Chemistry

SHOTAKOVSKIY, M.F.; SKVORTSOVA, C.G.; SANOVLOVA, N.Ya.; ZAPUNNAYA, K.V.;
KOSITSYNA, E.I.

Vinyl compounds. Izv.Sib.otd.AN SSSR no.1:36-43 '61. (MIA 14:2)

1. Vostochno-Sibirskiy filial Sibirskego otdeleniya AN SSSR.
(Vinyl compeunds)

SHOSTAKOVSKIY, M.F.; SKVORTSOVA, G.G.; ZAPUNNAYA, K.V.; KOSITSYNA, E.I.

Vinylation of indole. Zhur.prikl.khim. 35 no.4:915-917
Ap '62. (MIRA 15:4)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR.
(Indole) (Vinylation)

SHOSTAKOVSKIY, M.F. ; SKVORTSOVA, G.G. ; SAMOYLOVA, M.Ya.; ZAPUNNAYA, K.V.

Vinyl compounds. Report No.2: Copolymerization of vinyl esters of
the cresol fraction of semicoking tar with acrolein in the presence
of ionic catalysts. Izv.Sib.Otd.An SSSR no. 2:50-56 ' 61.
(MIRA 14:3)

1. Institut khimii Vostochno-Sibirskogo filiala Sibirskogo
otdeleniya AN SSSR, Irkutsk.

(Vinyl compounds)
(Acrolein)

TSEFT, A.L.; SMOLINA, L.P.; TROITSKAYA, L.N.; RUSINA, L.D.; ZAPINNAYA, K.V.

On the extraction of selenium and tellurium from their alloys with
sulfur. Trudy Vost.-Sib.fil. AN SSSR no.25:60-63 '60.
(MIRA 13:9)

(Selenium)

(Tellurium)

SEARCHED INDEXED SERIALIZED FILED

Reaction of allyl phenyl ether with methyl acrylate in the presence of a polymerization catalyst, vinylaryl ether

gradually increases and the solubility decreases. A scheme is suggested for the
Case 1/2

L 250/245

ACCESSION NR: A84048463

Inhibition of polymerization by formation of an active complex between SnCl_4 and AlCl_3 . It is shown which SnCl_4 reacts with the xyz in

ASSOCIATION: None

SUB CODE: 06

RE-CD: 30

SHOSTAKOVSKIY, M.F.; SKVORTSOVA, G.G.; ZAPUNNAYA, K.V.; KOZYREV, V.G.

Structure of acrolein copolymers with vinyl aryl ethers. Dokl.
AN SSSR 162 no.1:124-126 My '65. (MIRA 18:5)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR. 2. Chlen-korrespondent AN SSSR (for Shostakovskiy).

SHOSTAKOVSKIY, M.F.; SKVORTSOVA, G.G.; ZAFUINNAYA, K.V.

By-products of copolymerization of vinyl cresyl ethers and
acrylein. Izv. AN SSSR. Ser. Khim. no.11:2032-2036 '65.
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I. Irkutskiy institut organicheskoy khimii Sibirskego otdeleniya
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of perennial grasses during the year of sowing in the northern non-
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culture USSR, Kazakh Vet Inst im N. E. Bauman), 150 copies (KL, 17-58,
110)

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ZAPUSKALOV, V.I.; KASPAROVA, S.A.; KONOROVA, Ye.V.; KOPSHITSER,
I.Z.; LARIONOV, V.P.; SVIDLO, V.M.; FOL'TS, K.K.; ZOTOV,
V.A., red.

[Exercise therapy in the psychiatric hospital] Lechebnaia
fizicheskaisa kul'tura v psikiatricheskoi bol'nitse. Mo-
skva, Meditsina, 1965. 235 p. (MIRA 18:8)

ZAPUSKALOV, V. I., Candidate Med Sci (diss) -- "Material for the study of the reactivity of the organism in schizophrenia (acute leucocytic reaction)". Tomsk, 1959. 6 pp (Tomsk Med Inst), 200 copies (KL, No 24, 1959, 149)